

R-009-101.3

2070

**WEEKLY REPORT - SOUTH GROUNDWATER
CONTAMINATION PLUME REMOVAL ACTION
09/13/91**

09/13/91

**2
REPORT**

South Groundwater Contamination Plume - Part 1 (Alternate Water Supply)

Installation of a new water supply well for Albright and Wilson Americas (AWA) Inc., was completed at the test well site approximately two miles west of the FEMP Site, Willey Road entrance. A 72 hour pump test of the well will be conducted from September 14, through September 17, 1991. All testing activities at the test well site will be completed by September 21, 1991, as per contractual agreement with the property owner.

Design review comments on the 100 percent design specification and drawing packages have been received from WEMCO and the DOE-FO and are currently being incorporated into the "approval" package.

The current milestone date for construction completion is December 13, 1991, based on the approved Part 1 Work Plan. The revised schedule indicates a construction completion date of May 22, 1992. This revised date is due to the delays in completing negotiations between COE and the property owners for the well site testing (although the properties were referred to DOJ in a timely manner). Delays were also incurred in completing the Archeological/Historical Survey on the well site prior to testing.

South Groundwater Contamination Plume - Part 2 (Pump and Discharge)

As discussed with U.S. EPA and Ohio EPA on August 29, 1991, the work plan milestone for operation of the extraction wells will require modification. The revised date for the extraction wells to be operational is July 30, 1992. This revised date coincides with the completion date for the Waste Pit Area Runoff Control Removal Action.

South Groundwater Contamination Plume - Part 3 [installation and operation of an Interim Advanced Wastewater Treatment System (IAWWT) to reduce contaminant loading discharged to the Great Miami River to a level less than 1,700 pounds per year]

On September 6, 1991, an Engineering Change Proposal (ECP) was approved by WEMCO and DOE-FO authorizing the Remedial Design Contractor, Parsons, to initiate the required modifications to the IAWWT certified for construction design packages. The design modifications will incorporate the additional treatment capacity required to meet the 1700 pounds per year limit committed to in the dispute resolution.

WEMCO is currently developing a revised project schedule for operation of the new IAWWT system. A date of July 30, 1991, is being projected for system operations which will coincide with the startup of the Waste Pit Area Stormwater Runoff Control Removal Action.

As discussed with U.S. EPA and Ohio EPA on August 29, 1991, the milestone for the operation of the treatment systems will require modification. The revised date for operation of the treatment systems is July 30, 1992.

South Groundwater Contamination Plume - Part 5 (Further Investigations South of Extraction Wells)

The Corps of Engineers (COE) are proceeding with property access negotiations with the property owners in the affected areas outlined in the Part 5 work plan.

General Issues

An addendum to the South Groundwater Contamination Plume Removal Action EE/CA will be issued for internal DOE comment the week of September 16, 1991 to the DOE-FO, and DOE-HQ. This addendum documents recent events which have occurred on portions of the removal action project which have necessitated a restructuring of Parts 2 and 3 of the EE/CA and the addition of a Part 5.